

55146-98



7/18/2014
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

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OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Danielle A. Larochelle
Regulatory Manager
NUFARM Americas Inc.
4020 Aerial Center Parkway, Suite 101
Morrisville, NC 27545

JUL 18 2014

Subject: Application for Pesticide Notification (PRN 98-10) and (PRN 2007-4)
Submission Date: May 12, 2014
Product Name: As-50 Agricultural Streptomycin
EPA Reg. No.: 55146-98
EPA Decision No. 492051

Dear Ms. Larochelle:

The Agency is in receipt of your combined Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 and 2007-4. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and 2007-4 and finds that the action(s) requested fall within the scope of PRN 98-10 and PRN 2007-4.

The Agency acknowledges the request to update the "container handling" statements in the "storage and disposal" box, update the manufacturer's address, revise the expression of the measure of contents from "net contents" to "net weight" and deleted the word "additional" in the statement "see inside booklet for...statements" in the KOOROC box on page 1 of the label.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions regarding this correspondence, please contact Tamue L. Gibson of my staff by phone at (703) 305-9096 or via email at gibson.tamue@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Hope A. Johnson".

Hope A. Johnson
Product Manager (21)
Fungicide Branch
Registration Division (7504P)

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NOTIFICATION

Please read instructions on reverse before completing form

Approved, OMB No. 2070-0060, Approval expires 05-31-98



United States
Environmental Protection Agency
Washington, DC 20460

- Registration
- Amendment
- Other:

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 55146-98	2. EPA Product Manager Ms. Hope Johnson	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) AS-50 Agricultural Streptomycin	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Nufarm Americas Inc. AGT Division c/o Nufarm Americas Inc., Agent for Nufarm Americas Inc. AGT Division 4020 Aerial Center Parkway, Suite 101 Morrisville, NC 27560 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to: EPA Reg. No.: _____ Product Name: _____	

Section - II

- Amendment - Explain below.
- Resubmission in response to Agency letter dated _____
- Notification - Explain below.
- Final printed labels in response to Agency letter dated _____
- "Me Too" Application
- Other - Explain below

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

NOTIFICATION OF LABEL CHANGES Per PR Notice 98-10 and PR Notice 2007-4 (See attachment for certification)

CONTACT: Danielle Larochelle, Nufarm Americas Inc, 4020 Aerial Center Parkway, Suite 101, Morrisville, NC 27560.
Tel: 919-379-2530. Email: danielle.larochelle@us.nufarm.com

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
*Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
		If "Yes" Package wgt.	No. per container	<input checked="" type="checkbox"/> Other (Specify)	Fiber Drum with liner
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 25 lb		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name Danielle A. Larochelle	Title Regulatory Manager	Telephone No. (Include Area Code) 919-379-2530
2. Signature 		6. Date Application Received (Stamped)
3. Title Regulatory Manager		
4. Typed Name Danielle A. Larochelle		
4. Date May 12, 2014		

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

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AS-50™

Agricultural Streptomycin

For control of halo blight of beans
Seed treatment (only in commercial seed treatment plants) and control of fire blight of apples and pears

ACTIVE INGREDIENT:

Streptomycin Sulfate (Equivalent to 50% streptomycin base) 65.8%

OTHER INGREDIENTS: 34.2%

TOTAL: 100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION / PRECAUCIÓN**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

[SEE INSIDE BOOKLET FOR FIRST AID AND PRECAUTIONARY STATEMENTS]

**For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
For Medical Emergencies Only, Call (877) 325-1840**

EPA REG. NO. 55146-98

EPA EST. NO. _____

MANUFACTURED FOR
NUFARM AMERICAS INC.
AGT Division
11901 S. Austin Ave
Alsip, IL 60803



NOTIFICATION

JUL 18 2014

NET WEIGHT: _____ Lb (_____ kg)

FIRST AID

IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION / PRECAUCIÓN**

Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear
- Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any R, P, or HE filter.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product may be hazardous to aquatic plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product through any type of irrigation system. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear

CROP USE DIRECTIONS

Control of Fire Blight of Apples and Pears - Directions for Use

Crop	Concentration	First Spray	Follow-Up Spray Schedule
Pears (West Coast Area)	9.6 oz. AS-50 per acre (equivalent to 60 ppm at 600 gals. per acre).	10% bloom	Repeat at 5-day intervals until all late bloom is over. Do not make more than 15 additional applications. Continue to spray at 5- to 7-day intervals to control shoot and fruit infections. Do not apply within 30 days of harvest.
Apples (West Coast Area)	9.6 oz. AS-50 per acre (equivalent to 60 ppm at 600 gals. per acre).	Full bloom	Apply at petal fall and late secondary bloom. Continue to spray at 5- to 7-day intervals to maintain disease control but not later than 50 days before harvest.
Apples (Other Areas)	8-16 oz. AS-50 per acre (equivalent to 50-100 ppm at 600 gals. per acre).	Spray trees at 20-30% bloom	Spray trees every 3-4 days during blossom time. Apply sprays after petal fall every 10-14 days to control twig blight. Do not make more than 8 additional applications after blossom sprays. Do not apply within 30 days of harvest.

Crop	Concentration	First Spray	Follow-Up Spray Schedule
Pears (Other Areas)	8-16 oz. AS-50 per acre (equivalent to 50-100 ppm at 600 gals. per acre).	Spray trees at 20-30% bloom	Spray trees every 3-4 days during blossom time. Apply sprays after petal fall every 10-14 days to control twig blight. Do not make more than 8 additional applications after blossom sprays. Do not apply within 30 days of harvest.

Mixing Instructions for Apple and Pear

Concentration Desired	Quantity AS-50 in Ounces per Volume of Water			
	50 gals.	100 gals.	500 gals.	600 gals.
50 ppm	2/3	1 1/3	6 2/3	8 (1/2 lb.)
60 ppm	0.8	1.6	8 (1/2 lb.)	9.6
100 ppm	1 1/3	2 2/3	13 1/3	16 (1 lb.)

Information regarding use of AS-50 may be obtained from your local Agricultural Extension Agent or State Experiment Station.

Seed Treatment - Control of Halo Blight of Beans

The purchaser of this product is responsible for ensuring that all treated seed are adequately dyed with suitable color to prevent its accidental use as food for man or feed for animals. Refer to 40 CFR 153.155, use of an approved dye or colorant

Federal law requires that bags containing treated seed shall be labeled with the following information: "This seed has been treated with streptomycin sulfate." Do not use for feed, food, or oil purposes. Store away from feed and foodstuffs. Wear long pants, long-sleeved shirt, and protective gloves when handling treated seed. Treated seeds exposed to soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting. Dispose of all excess treated seeds by burying seed away from bodies of water. Do not contaminate bodies of water when disposing of planting equipment wash water. Dispose of seed packaging or containers in accordance with local requirements.

Crop/Disease	Concentration	Use Directions
Beans - Seed Protection (For Control of Surface Infection)	0.18-0.91 oz./cwt of seed	Use higher rate of product when halo blight pressure is severe. This product dissolves in water and is compatible with Nufarm fungicides and insecticides (e.g., Sebring and Senator). Slurry rates will vary with components and treating equipment. Apply this product using commercial mist, spray or other application equipment.

For use by commercial treaters only. Not for on farm use or at planting time. Do not use treated seed for food or feed purposes.

Mixing Instructions for Seed Treatment

Concentration Desired	Quantity AS-50 per Volume of Water			
	1 pt.	1 qt.	1 gal.	5 gals.
1%	0.3 oz. (9.5 g)	0.6 oz. (19.0 g)	2 2/3 oz.	13 1/3 oz.
2%	0.6 oz. (19.0 g)	1 1/3 oz. (38.0 g)	5 1/3 oz.	26 2/3 oz.
5%	1.5 oz. (47.5 g)	3.0 oz. (90.0 g)	13 1/3 oz.	66 2/3 oz.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE – Keep tightly closed. Store at a cool temperature when possible, and with minimum exposure to atmosphere.

PESTICIDE DISPOSAL – Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING:

[Nonrefillable Containers 50 lb or Less]

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

[Nonrefillable Containers larger than 50 lb]

Nonrefillable container. Do not reuse or refill this container. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

[Bags:] Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

[Drums with Liners:] Nonrefillable container. Do not reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then offer for recycling, if available, or dispose of in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.

